NPIRS' NDW System

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NPIRS ISAC Report

- Current NPIRS Status
- Exporting Data to NPIRS

Current NPIRS Status
as of April 2, 2008

The NDW Project is complete. NPIRS and IHPES:

- Began producing the official 'Workload & User Pop Reports' from its NDW system in Fall 2006. We successfully produced our second set of reports from the NDW in Fall 2007.

- Began producing the official 'ORYX Reports' from the NDW in Spring 2007. All subsequent official ORYX reports have come from the NDW.

We have also migrated all other existing, ongoing production reports from the legacy system to the new NDW system.

Current NPIRS Status
as of April 2, 2008

NPIRS new NDW system is now in steady-state production ("Operations & Maintenance")

NPIRS' legacy system has been archived. We have done this in a manner that still makes this archived data available, when appropriate
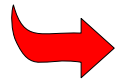
Current NPIRS Status
as of April 2, 2008

NPIRS is currently operating under a 'bridge contract' with CNI

OIT is working closely with GSA to solicit a new 5 year contract for its primary operations (1 base year with 4 option years), anticipated start date 6/1/2008.

NPIRS ISAC Report

- Current NPIRS Status
- Exporting Data to NPIRS

Exporting Data to NPIRS

How can Tribes using IT systems other than RPMS send data to NPIRS?

The NDW is *NOT* an RPMS Application

We did not build the NDW just to work with RPMS.

We built it so that it could accept data from *any* commercial or government IT system as long as that system conforms to *private industry standards.*

RPMS can readily export to the NDW *only* because it conforms with those private industry standards.
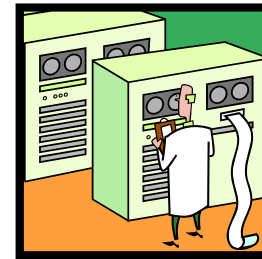
What is an Export Standard?

Local Systems

NPIRS

'Thinking'
(Local system's internal processing)

Writing
(Loading data into the NDW)

English
(the Export Standard)

Talking
(Exporting data)

Hearing
(Receiving exports)

HL7 Export Standard

HL7 is a ***private industry standard*** that defines the format in which medical data is to be exported so that medical information is truly portable between completely different IT systems.

HL7 Export Standard

HHS has adopted private industry's HL7 standard

Taking advantage of 'economies of scale,' IHS programmed an HL7 export for RPMS.

Thus, Tribes that have chosen to use RPMS as their IT system, have a cost-effective export that complies with this private industry standard.

HL7 Export Standard

To stay competitive, commercial IT systems are also programming their systems to comply with this industry standard.

Thus a few of the commercial systems that some Tribes have purchased already can or will soon comply with the HL7 industry standard.

HL7 Provides "Value-added" Benefits

Besides the minimum elements required for basic reporting, such as Workload and User Population reports, the HL7 export format includes data elements that can be used to provide expanded reporting capabilities and analyses related to other health status needs and performance measurement activities, such as:

- Diabetes Management
- Epidemiology
- GPRA
- JCAHO's ORYX.

Non-HL7 Compliant IT Systems

However, some Tribes have purchased commercial IT systems that do not comply with the industry's HL7 standard and their vendors are not yet willing comply with the industry standard.

For these tribes we created a second, simplified standard that NPIRS can still load into the NDW system.

Non-HL7 Compliant IT Systems

Using this simplified format, these Tribes are still able to send their data in a format that we can understand and load into the NDW.
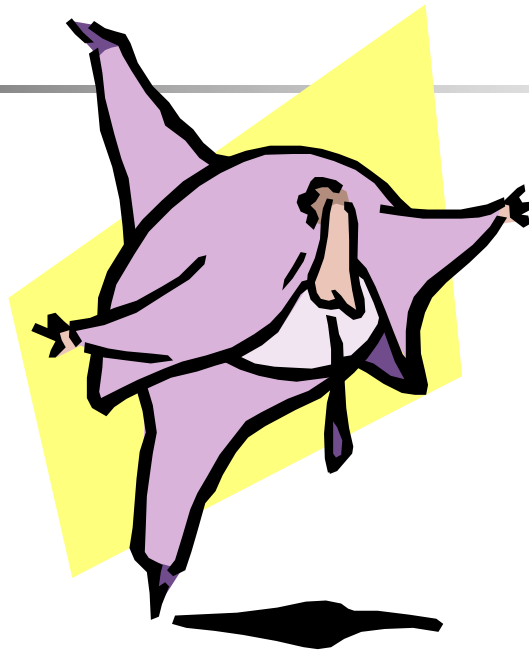
This format will allow us to provide basic reporting, including their data in the official Workload and User Population reports; however, it cannot provide the expanded reporting capabilities and analyses that are possible with HL7.

Non-HL7 Compliant IT Systems

Detailed information about this simplified format can be found on the NDW website using the following url:

http://www.ndw.ihs.gov/how-do-we-export-our-data.asp

Questions?